

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1 1. (Original) A method utilizing a team of network interfaces operating in
2 adapter fault tolerance mode to provide primary and secondary use processing of data,
3 comprising:
4 receiving data for processing by said team, said team having a primary network
5 interface and at least one secondary network interface;
6 if said data is primary use processing, then processing and transmitting said data
7 by the primary network interface; and
8 if said data is secondary use processing, then distributing processing of said data
9 across said secondary network interfaces.
- 10 2. (Original) The method of claim 1, further comprising:
11 loading a driver for the team of network interfaces, said driver configuring said
12 team to operate in adapter fault tolerance mode and designating the primary network
13 interface and the at least one secondary network interface;
14 wherein said distributing processing is according to a workload of said secondary
15 network interfaces.
- 16 3. (Original) The method of claim 1, where if said primary network interface
17 has available processing bandwidth, then distributing processing of said data across all
18 network interfaces of said team.

1 4. (Original) The method of claim 1, wherein said distributing processing is
2 according to a workload of each of said team of network interfaces.

3 5. (Original) The method of claim 1, wherein processing said data includes
4 encrypting said data according to IPSEC.

5 6. (Original) The method of claim 1, further comprising:
6 receiving data for secondary use processing from an operating system.

7 7. (Original) The method of claim 1, further comprising:
8 receiving data for secondary use processing from an application programming
9 interface configured to submit data for secondary use processing by said team.

10 8. (Original) A readable medium having encoded thereon instructions for
11 utilizing a team of network interfaces operating in adapter fault tolerance mode to
12 provide primary and secondary use processing of data by directing a processor to:
13 receive data for processing by said team, said team having a primary network
14 interface and at least one secondary network interface;
15 if said data is primary use processing, then process and transmit said data by the
16 primary network interface; and
17 if said data is secondary use processing, then distribute processing of said data
18 across said secondary network interfaces.

19 9. (Original) The medium of claim 8, said instructions including further
20 instructions to direct the processor to:

1 load a driver for a team of network interfaces to configure said team to operate in
2 adapter fault tolerance mode and designate the primary network interface and the at
3 least one secondary network interface; and
4 distribute processing according to a workload of said secondary network
5 interfaces.

6 10. (Original) The medium of claim 8, said instructions including further
7 instructions to direct the processor to:

8 determine if said primary network interface has available processing bandwidth,
9 and if so, distribute processing of said data across all network interfaces of said team.

10 11. (Original) The medium of claim 8, said instructions including further
11 instructions to direct the processor to:

12 distribute processing of said data according to a workload of each of said team of
13 network interfaces.

14 12. (Original) The medium of claim 8, said instructions including further
15 instructions to:

16 direct the processor to encrypt said data according to IPSEC.

17 13. (Original) The medium of claim 8, said instructions including further
18 instructions to:

19 direct the processor to receive data for secondary use processing from an
20 operating system.

21 14. (Original) The medium of claim 8, said instructions including further
22 instructions to direct the processor to:

1 receive data for secondary use processing from an application programming
2 interface configured to submit data for secondary use processing by said team.

3 15. (Original) A method for utilizing a team of network interfaces operating in
4 adaptive load balancing mode to provide primary and secondary use processing of
5 data, comprising:

6 identifying active and failed network interfaces of said team;
7 receiving data for processing and transmission by said team;
8 if said data is primary use processing, then distributing processing of said data
9 across said active network interfaces of said team; and

10 if said data is secondary use processing, then distributing processing of said data
11 across all active and failed network interfaces of said team.

12 16. (Original) The method of claim 15, further comprising:
13 loading a driver for said team, said driver configuring said team to operate in the
14 adaptive load balancing mode and appear to be a single network interface.

15 17. (Original) The method of claim 15, further comprising:
16 receiving, by a first one of said team of network interfaces, a portion of said
17 received data for processing;
18 identifying a processing mode required for processing said portion;
19 determining if said first one supports the processing mode; and
20 if not, then submitting processing of said portion to a second one of said team of
21 network interfaces.

22 18. (Original) The method of claim 15, further comprising:

1 installing said team of network interfaces in a computing device having an
2 operating system; and

3 receiving data for secondary use processing from said operating system.

4 19. (Original) The method of claim 18, wherein an application programming
5 interface is configured to submit data for secondary use processing by said team.

6 20. (Original) The method of claim 15, further comprising:

7 installing said team of network interfaces in a computing device having an
8 operating system; and

9 receiving data for secondary use processing from an application programming
10 interface configured to submit data for secondary use processing by said team.

11 21. (Original) A readable medium having encoded thereon instructions for
12 utilizing a team of network interfaces operating in adaptive load balancing mode to
13 provide primary and secondary use processing of data by directing a processor to:

14 identify active and failed network interfaces of said team;

15 receive data for processing and transmission by said team;

16 determine if said data is primary use processing, and if so, then distribute
17 processing of said data across said active network interfaces of said team; and

18 determine if said data is secondary use processing, and if so, then distribute
19 processing of said data across all active and failed network interfaces of said team.

20 22. (Original) The medium of claim 21, said instructions including further
21 instructions to direct the processor to:

1 load a driver for said team, said driver configuring said team to operate in the
2 adaptive load balancing mode and appear to be a single network interface.

3 23. (Original) The medium of claim 21, said instructions including further
4 instructions to direct the processor to:

5 receive a portion of said received data for processing by a first one of said team
6 of network interfaces;

7 identify a processing mode required for processing said portion;

8 determine if said first one supports the processing mode; and

9 submit processing of said portion to a second one of said team of network
10 interfaces.

11 24. (Currently Amended) The medium ~~method~~ of claim 21, said instructions
12 including further instructions to direct the processor to:

13 receive data for secondary use processing from an operating system.

14 25. (Currently Amended) The medium ~~method~~ of claim 21, said instructions
15 including further instructions to direct the processor to:

16 receive data for secondary use processing from an application programming
17 interface is configured to submit data for secondary use processing by said team.

Amendments to the Figures

In accordance with 37 CFR 1.121, attached are corrected copies of FIGS. 2, 4 and 6 suitable for publication, along with red-lined copies indicating the corrections to FIGS. 2, 4 and 6.

In Fig. 2, previously omitted labels 202, 204, 206, 208, 210 have been added.

In FIG. 4, previously omitted label 312 has been added.

In FIG. 6, previously omitted item 374 has been added.

Attachment: Replacement Sheets

Annotated Sheets Showing Changes